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BIBLIOGRAPHY ON VENEZUELAN EQUINE ENCEPHALOMYELITIS (VEE). SUPP--ETC(U)
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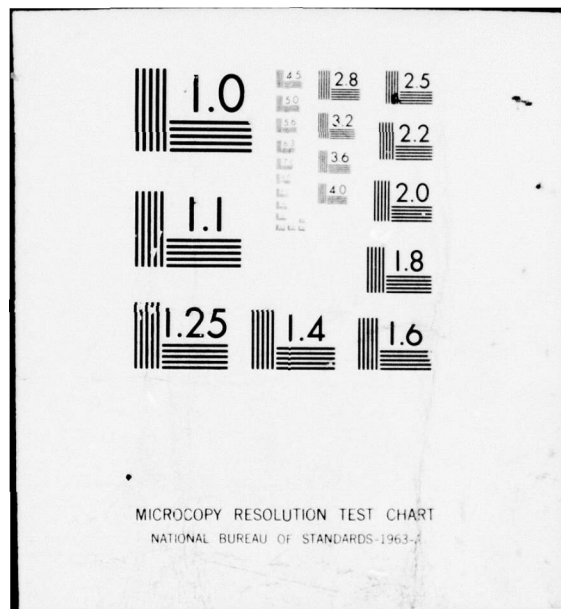
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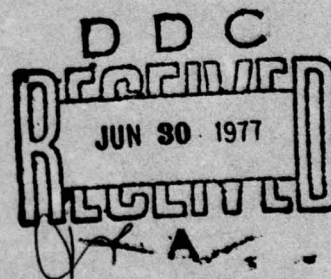
SUPPLEMENT 5

1068-1194

1 May 1977

Prepared by
Phebe W. Summers

U. S. ARMY MEDICAL RESEARCH
INSTITUTE OF INFECTIOUS DISEASES
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| 19. KEY WORDS (Continue on reverse side if necessary and identify by block number) Venezuelan equine encephalomyelitis Virus diseases Epizootic Equidae Zoonoses | | |
| 20. ABSTRACT (Continue on reverse side if necessary and identify by block number) One hundred twenty-seven confirmed references are listed on the subject of Venezuelan equine encephalomyelitis, bring the total to 1194. | | |

FOREWORD

Supplement 5 continues the listing of confirmed references on VEE shown in the original listing dated 15 February 1972 (AD 738 795) and Supplements, 1 dated 1 September 1972 (AD 749 259), 2 dated 1 December 1973, 3 dated 1 March 1976, and 4 dated 1 December 1975 (AD A019093). Translation identification has been added where applicable.

Abstracts are now included and marked with ***. When known cross-referencing to the published full paper is included.

The Index (page 13) has been revised to include all previous and new references.

PHEBE W. SUMMERS
Microbiologist

1 May 1977

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BIBLIOGRAPHY
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VENEZUELAN EQUINE ENCEPHALOMYELITIS (VEE)

SUPPLEMENT 5

1 May 1977

1068. Agabalyan, A. S., E. T. Gasparyan, A. G. Galstyan, and M. G. Bostandzdyan. (Formation and antiviral activity of interferon induced by arboviruses in a chick fibroblast cell culture). Zh. Eksp. Klin. Med. 14:5:22-27, 1974. (Russian)
1069. Adler, W. H., and S. Rabinowitz. In vitro studies on the role of cell mediated immunity in host resistance to Venezuelan equine encephalomyelitis (VEE) viral infection in mice. Pediatr. Res. 6:4:382, 1972. See nos. 575 and 735.
1070. Ascher, M. S., and R. Edelman. Immunologic and clinical evaluation of an inactivated Venezuelan equine encephalomyelitis virus vaccine in man. Clin. Res. 25:3:371A, 1977.
1071. Barber, T. L., and N. M. Foster. Concentration, partial purification, inactivation and immunogenicity of Venezuelan equine encephalomyelitis virus. Abstr. Ann. Meeting, Am. Soc. Microbiol. 1973, p. 254.
1072. Bigler, W. J. Venezuelan encephalitis antibody studies in certain Florida wildlife. Bull. Wildlife Dis. Assoc. 5:3:267-270, 1969.
1073. Bigler, W. J., E. Lassing, E. Buff, A. L. Lewis, and G. L. Hoff. Arbovirus surveillance in Florida: wild vertebrate studies 1965-1974. J. Wildlife Dis. 11:3:348-356, 1975.
1074. Bonilla, E., S. Ryder, and H. Hernandez. Venezuelan equine encephalomyelitis virus infection: effect on monoamine metabolism of mouse brain. J. Neurochem. 25:4:529-530, 1975.
1075. Bowen, G. S., and C. H. Calisher. Virological and serological studies of Venezuelan equine encephalomyelitis in humans. J. Clin. Microbiol. 4:1:22-27, 1976.
1076. Bowen, G. S., T. R. Fashinell, P. B. Dean, and M. B. Gregg. Clinical aspects of human Venezuelan equine encephalitis in Texas. PAHO Bull. 10:1:46-57, 1976.
1077. Buff, E. E., A. K. Ventura, W. J. Bigler, and N. J. Ehrenkranz. Venezuelan equine encephalitis (VEE) in Florida--epidemiologic studies of subclinical infection. Bacteriol. Proc. 1971, p. 175. See no. 914.

1078. Burke, D. S., and R. Edelman. The use of attenuated Venezuelan equine encephalomyelitis (VEE) vaccines in man: a review. *Arthropod-Borne Virus Information Exchange* 30:143-144, 1976.
1079. Calisher, C. H., and K. S. C. Maness. Laboratory studies of Venezuelan equine encephalitis virus in equines, Texas, 1971. *J. Clin. Microbiol.* 2:3:198-205, 1975.
1080. Chepulis, G.-K. S., and V. M. Zhdanov. (Further study of the phenomenon of the loss by mammals of natural resistance to infection with Newcastle disease virus). *Vop. Virusol.* 18:6:653-660, 1973.
1081. Cole, Jr., F. E., C. E. Pedersen, Jr., D. M. Robinson, and G. A. Eddy. Improved method for production of attenuated Venezuelan equine encephalomyelitis (TC-83 strain) vaccine. *J. Clin. Microbiol.* 3:4:460-462, 1976.
1082. Dickerman, R. W., and W. F. Scherer. Serologic survey for antibodies to VE virus in western and northcentral Mexico. *Bol. Of. San. Panam.* 70:6:550-556, 1971.
1083. Digoutte, J.-P. Rapport Annuel 1975. Institut Pasteur de la Guyane Francaise. Institut Pasteur de la Guyane, Cayenne, French Guyana. (includes a good deal on VEE).
1084. Dubes, G. R. Methods for transfecting cells with nucleic acids of animal viruses: a review. *Experientia (Suppl. 16)*, p. 29 (82 p.) Birkhauser Verlag, Basel, 1971.
1085. Eldridge, B. F., B. A. Schiefer, and W. G. Pearson. U. S. Army activities in the 1971 Venezuelan equine encephalitis outbreak in Mexico and Texas. *Calif. Mosq. Control Assoc. Proc. Papers* 40:5-8 (Jan/Feb) 1972.
1086. (Y)ershov, F. I., E. B. Tazulakhova, and A. S. Novokhatsky. The effect of combination of different inducers on the refractory state in interferon production. *Acta Virol.* 20:1:15-22, 1976.
1087. Esparza, J., and A. Sanchez. Multiplication of Venezuelan equine encephalitis (Mucambo) virus in cultured mosquito cells. *Arch. Virol.* 49:2-3:273-280, 1975.
1088. Esparza, J., C. I. Pina, and E. Novo. Photoinactivation of Venezuelan equine encephalitis virus mediated by tetracyclines. *Antimicrob. Agents Chemother.* 10:1:176-178, 1976.
1089. Ferguson, J. A., W. C. Reeves, and J. L. Hardy. Antibody studies in ponies vaccinated with Venezuelan equine encephalomyelitis (strain TC-83) and other alphavirus vaccines. *Am. J. Vet. Res.* 38:4:425-430, 1977.
1090. France, J. K., and D. W. Trent. Biochemical and antigenic characterization of the envelope glycoproteins of Venezuelan equine encephalitis virus strains. Abstracts of the Ann. Meeting - 1977, *Am. Soc. Microbiol.* p. 299, 1977.

1091. Gaitskhoki, V. S., F. I. Yershov, O. I. Kisselev, O. V. Zaitseva, V. M. Zhdanov, and S. A. Neifakh. On the synthesis of viral ribonucleic acids and ribonucleoproteins in the submitochondrial system completely free of interfering cytoplasmic contaminations. *Mol. Cell. Biochem.* 10:1:17-26, 1976.
1092. Galindo, P. Ecologia de los ciclos endemicos de los virus de la encefalitis equina Venezolana. *Rev. Vet. Venez.* 30:173:279-286, 1972. (Publication of no. 838).
1093. Gaskin, J. M., F. C. Neal, and H. L. Rubin. Equine antibody to bovine serum induced by several equine vaccines as a source of extraneous precipitin lines in the agar gel immunodiffusion test for equine infectious anemia. *Am. J. Vet. Res.* 38:3:373-377, 1977.
1094. Gorelkin, L., and P. B. Jahrling. Mechanisms of pancreatic involvement by Venezuelan equine encephalomyelitis (VEE) virus in the hamster. *Fed. Proc.* 33:3:605, 1974. See no. 842.
1095. Groot, H. Epidemiologia de la forma epizootica de la encefalitis equina Venezolana y su impacto sobre la economia y la salud de las naciones de las Americas. *Rev. Vet. Venez.* 30:173:299-310, 1971. (Publication of no. 845).
1096. Gruber, J. Inactivation of purified Venezuelan equine encephalitis virus by ionizing radiation. *Bacteriol. Proc.*-1970, p. 164. See no. 160.
1097. Guttman, D. The biting activity of black flies (Diptera: Simuliidae) in three types of habitats in western Colombia. *J. Med. Entomol.* 9:5:269-276, 1972.
1098. de Haas, R. A., and W. C. Timmers. Infection rate of arboviruses in Dutch recruits returning from Surinam. *Trop. Geogr. Med.* 28:2:137-140, 1976.
1099. Hanson, R. P., and D. O. Trainer. Significance of changing ecology on the epidemiology of arboviruses in the United States. *U. S. Anim. Health Assoc., Proc.* 1969. 73:291-294, 1970.
1100. Harrington, D. G., C. L. Crabbs, D. E. Hilmas, J. R. Brown, and H. B. Levy. Inactivated Venezuelan encephalitis (VE) virus vaccine: enhanced immune response in monkeys with stabilized poly(I)·poly(C). Abstracts Ann. Meeting - 1977, p. 113.
1101. Harrison, A. K., and F. A. Murphy. Murine oncornavirus activation in the pancreas during infection with Venezuelan equine encephalitis virus. *J. Nat. Cancer Inst.* 55:4:917-923, 1975.
1102. Hayes, R. O., D. B. Francys, J. S. Lazuck, G. C. Smith, and R. H. Jones. Arbovirus surveillance in six states during 1972. *Am. J. Trop. Med. Hyg.* 25:3:463-476, 1976.

1103. Heard, C. D., D. E. Hilmas, and P. B. Jahrling. Vascular clearance of
*** Venezuelan equine encephalomyelitis viruses as a determinant of viru-
lence for rhesus monkeys. Abstr. Ann. Meeting, Am. Soc. Microbiol.,
1976, p. 260.
1104. Heydrick, F. P. Lipids of Venezuelan equine encephalomyelitis virus
and their relationship to the lipids of the host. Diss. Abstr. Part
B. Sci. Eng. 29:1:289, 1968. See no. 207.
1105. Hofmann, H. Die unspezifische Abwehr bei neurotrophen Arbovirus-infek-
tionen. (Nonspecific host defence of neurotropic arbovirus infections).
Zbl. Bakt. Hyg., I. Abt. Orig. A223:2:143-163, 1973. p. 155 only.
1106. Houston, W. E., C. E. Pedersen, Jr., F. E. Cole, Jr., and R. O.
*** Spertzel. Effects of antigen-antibody complexes on the primary immune
response in rhesus monkey. Abstr. Ann. Meeting, Am. Soc. Microbiol.
1974, p. 248. See no. 852.
1107. Houston, W. E., R. J. Kremer, C. L. Crabbs, and R. O. Spertzel. Altera-
*** tions in the primary immune response in rhesus monkeys immunized with
antibody complexes. Abstr. Ann. Meeting, Am. Soc. Microbiol., 1975,
p. 80. (See no. 1193)
1108. Houston, W. E., C. L. Crabbs, R. J. Kremer, and J. W. Springer. Adju-
vant effects of diethylaminoethyl-dextran. Infect. Immun. 13:6:1559-
1562, 1976.
1109. Houston, W. E., C. L. Crabbs, E. L. Stephen, and H. B. Levy. Modified
riboinosinic-polyribocytidylic acid, an immunological adjuvant. Infect.
Immun. 14:1:318-319, 1976.
1110. Hrusková, J., V. Rychterová, and V. Kliment. Influence of infection
*** with attenuated Venezuelan equine encephalomyelitis (VEE) virus on
antibody response of guinea pigs and mice to sheep red blood cells.
Folia Microbiol. 16:6:540, 1971. See nos. 514 and 515.
1111. Hughes, F., and C. E. Pedersen, Jr. Spin label probe of structure of
*** a group A arbovirus. Fed. Proc. 33:5:1543, 1974. See no. 993.
1112. Irvin, W., and J. Pepple. Viral induced anergy. Clin. Res. 20:1:
*** 47, 1972.
1113. Irvin, W. S., R. G. Sherry, J. Pepple, and C. P. Craig. Viral induced
*** anergy. Clin. Res. 20:3:510, 1972.
1114. Irvin, W. S., R. G. Sherry, and C. P. Craig. Correlation between in
*** vivo and in vitro tests for anergy induced by virus. Clin. Res. 18:
3:619, 1970.
1115. Jahrling, P. B., and L. Gorelkin. Selective clearance of a benign
clone of Venezuelan equine encephalitis virus from hamster plasma by
hepatic reticuloendothelial cells. J. Infect. Dis. 132:6:667-676, 1975.

1116. Jahrling, P. B. Chromatographic separation of Venezuelan and Western encephalitis virus subtypes. *Arthropod-Borne Virus Information Exchange* 30:137-140, 1976.
1117. Jahrling, P. B., E. Navarro, and W. F. Scherer. Interferon induction and sensitivity as correlates to virulence of Venezuelan encephalitis viruses for hamsters. *Arch. Virol.* 51:1:23-35, 1976.
1118. Johnson, A. D., J. F. Metzger, and G. A. Eddy. Growth characteristics of Venezuelan equine encephalitis virus (VEE) on an artificial capillary system. *Abstr. Ann. Meeting, Am. Soc. Microbiol.* 1977, p. 300.

1119. Johnson, J. W. Growth of Venezuelan equine encephalitis virus in tissue cultures of minced *Aedes aegypti* pupae. *Bacteriol. Proc.* 1969. pp. 185-186. See no. 220.

1120. Johnson, K. M. Propiedades y patogenicidad de los virus de la encefalitis equina Venezolana. *Rev. Vet. Venez.* 30:173:287-293, 1971. (Publication of no. 859).
1121. Kastello, M. D. The rhesus monkey as a model for the study of infection. *Proc. Meeting 4th Internat. Congr. Primatol.* 1972, p. 40. See no 682.

1122. Kastello, M. D., C. G. McLeod, and A. T. McManus. Altered course of Venezuelan equine encephalomyelitis (VEE) infection in cyclophosphamide-treated rhesus monkeys. *Fed. Proc.* 32:3:1036, 1973.

1123. Kramer, L. D., and W. F. Scherer. Vector competence of mosquitoes as a marker to distinguish Central American and Mexican epizootic from enzootic strains of Venezuelan encephalitis virus. *Am. J. Trop. Med. Hyg.* 25:2:336-346, 1976.
1124. Kubes, V., and J. Armando Ruiz. Encefalomyelitis equine tipo Venezuela y pruebas de proteccion en ratones contra tres cepas EEV centroamericanas. *Rev. Fac. Med. Vet. Zootec.* 4:1:15-19, 1972.
1125. Kuehne, R. W., W. L. Pannier, and E. L. Stephen. Indirect mouse model for the evaluation of potential antiviral compounds: results with Venezuelan equine encephalomyelitis virus. *Antimicrob. Agents Chemother.* 11:4:683-687, 1977. ***An indirect mouse model for evaluating potential antiviral compounds. *Abstr. Ann. Meeting, Am. Soc. Microbiol.* 1976, p. 5.
1126. Kuehne, R. W., W. L. Pannier, and E. L. Stephen. Evaluation of various analogues of tilorone hydrochloride against Venezuelan equine encephalitis virus in mice. *Antimicrob. Agents Chemother.* 11:1:92-97, 1977.
1127. Leblanc, P., W. F. Scherer, and D. H. Sussdorf. Thymus dependence of the response of the mouse to Venezuelan encephalitis virus infection. *Abstr. Ann. Meeting, Am. Soc. Microbiol.*, 1976. p. 85.

1128. Leon, C. A., R. Jaramillo, S. Martinez, F. Fernandez, H. Tellez, B. Lasso, and R. de Guzman. Sequelae of Venezuelan equine encephalitis in humans: a four year follow-up. *Int. J. Epidemiol.* 4:2:131-140, 1973.
1129. Levitt, N. H., W. T. London, S. G. Kent, and J. L. Sever. In utero
*** induction of cataracts and hydrocephalus in rhesus monkeys using Venezuelan equine encephalitis virus. *Abstr. Ann. Meeting, Am. Soc. Microbiol.* 1973, p. 226.
1130. Levitt, N. H., H. V. Miller, R. E. Edelman, and G. A. Eddy. Inter-
*** action of Venezuelan equine encephalomyelitis (VEE) vaccine virus with human peripheral leukocytes. *Abstr. Ann. Meeting, Am. Soc. Microbiol.* 1977, p. 327.
1131. London, W. T., N. H. Levitt, S. G. Kent, and J. Sever. The teratogenic
*** effects of Venezuelan equine encephalitis virus in rhesus monkeys. *Teratology* 7:3:A-22, 1973.
1132. Luscri, B. J. Preparation, bioassay, and partial fractionation of an
*** efficient L cell interferon. *Bacteriol. Proc.* 1971, p. 213.
1133. Luscri, B. J. Several observations on the induction and bioassay of
*** interferon originating from human cell cultures. *Abstr. Ann. Meeting, Am. Soc. Microbiol.* 1973, p. 259.
1134. Luscri, B. J. Some aspects on the titration of the antiviral property
*** of interferons. *Abstr. Ann. Meeting, Am. Soc. Microbiol.* 1973, p. 259.
1135. Mackenzie, R. M., J. de Siger, and D. Parra V. Venezuelan equine
encephalitis virus: comparison of infectivity and virulence of strains V-38 and P676 in donkeys. *Am. J. Trop. Med. Hyg.* 25:3:494-499, 1976.
1136. Marker, S. C., and M. S. Ascher. Specific lymphocyte transformation
*** to Venezuelan equine encephalitis virus (VEE). Program, 14th Intersci. Conf., Antimicrobial Agents and Chemotherapy, 1974, No. 13. See no. 1137.
1137. Marker, S. C., and M. S. Ascher. Specific in vitro lymphocyte trans-
formation with Venezuelan equine encephalitis virus. *Cell. Immunol.* 23:1:32-38, 1976.
1138. Marker, S. C., and P. B. Jahrling. Correlation of in vitro adsorption
*** efficiency and pH-dependence with in vivo clearance and virulence of group A arboviruses. *Abstr. Ann. Meeting, Am. Soc. Microbiol.* 1976, p. 210.
1139. Mayer, G. D., A. C. Hagan, and F. Bray. Preclinical experience with
*** Tilorone and related compounds against live Venezuelan equine encephalomyelitis vaccine. *Fed. Proc.* 32:3:704 abs, 1973.
1140. McManus, A. T., G. A. Eddy, and M. D. Kastello. Temporal appearance
*** of circulating virus, interferon and antibody in Venezuelan equine encephalomyelitis (VEE) infected rhesus monkeys. *Abstr. Ann. Meeting, Am. Soc. Microbiol.* 1973, p. 226.

1141. Mills, K. W., M. G. Petit, L. H. Lauerman, and T. Walton. A method for bleeding vampire bats, Desmodus rotundus murinus. Lab. Anim. Sci. 26:3:507-508, 1976.
1142. Miryutova, T. L., and E. A. Peshkova. (Change of the activity of aldolase and lactate dehydrogenase in the cultural fluid of cells infected with pathogenic and attenuated variants of Venezuelan equine encephalitis virus). Vop. Virusol. 20:2:244-245, 1975. (Russian)
1143. Motyl, M. R., and W. F. Scherer. Growth and adsorption of virulent and benign strains of Venezuelan encephalitis virus in cultures of macrophages. Abstr. Ann. Meeting, Am. Soc. Microbiol. 1977, p. 327.

1144. Naeve, C. W., and G. C. Parikh. A comparative analysis of the sequence of VEE and WEE virus RNA synthesis in Aedes albopictus tissue culture. Abstr. Ann. Meeting, Am. Soc. Microbiol. 1973, p. 254.

1145. Naeve, C. W., T. C. Sorensen, S. A. Carlson, and A. Progulski. Computer assisted volume measurements in the detection of viral infected cells. Abstr. Ann. Meeting, Am. Soc. Microbiol. 1974, p. 231.

1146. Nichols, J. B., W. J. Bigler, E. B. Lassing, and G. L. Hoff. An evaluation of military sentry dogs as a sentinel system to Everglades virus (Venezuelan equine encephalitis Fe3-7c strain). Mil. Med. 140:10:701-712, 1975.
1147. Novokhatsky, A. S., F. I. Ershov, A. L. Timkovsky, S. E. Bresler, E. M. Kogan, and N. S. Tikhomirova-Sidorova. Double-stranded complex of polyguanylic and polycytidylic acids and its antiviral activity in tissue culture. Acta Virol. 19:2:121-129, 1975.
1148. Novokhatsky, A. S., and F. I. Yershov. The dynamics of development of cell resistance to viruses induced by synthetic polynucleotides. Acta Virol. 20:1:23-30, 1976.
1149. Office International Epizootiques. Table ronde sur l'encephalomyelite Equine Venezuelienne. Bull. Off. Int. Epizootiol. 77:11-12:1595-1600, 1972.
1150. Omohundro, R. E. Meeting the challenge. In Proc. Foreign Animal Diseases Seminar, Jan 15-16, 1976. Emergency Programs, Veterinary Services, Animal and Plant Health Inspection Service, U.S.D.A., Hyattsville, Md. 1976, p. 93-97.
1151. Ordenez, J. V., W. F. Scherer, and R. W. Dickerman. Isolation of eastern encephalitis virus in Guatemala from sentinel hamsters exposed during 1968. Bol. Of. San. Panam. 70:4:371-375, 1971.
1152. Ordenez, J. V., W. F. Scherer, and R. W. Dickerman. Studies of possible movement of Venezuelan encephalitis virus from an enzootic focus in Guatemala during 1971-1974. Am. J. Trop. Med. Hyg. 25:1:163-172, 1976.

1153. Pancake, B. A., and W. F. Scherer. Use of chicken antisera in HI
*** tests to differentiate Central American and Mexican epizootic and
enzootic Venezuelan encephalitis viruses. Abstr. Ann. Meeting, Am.
Soc. Microbiol. 1973, p. 253.
1154. Pancake, B., Z. Harsanyi, and W. F. Scherer. Preliminary characteriza-
*** tion of temperature sensitive mutants of Venezuelan encephalitis virus.
Abstr. Ann. Meeting, Am. Soc. Microbiol. 1976. p. 245.
1155. Parker, M. D., C. D. Blair, and T. E. Walton. Isolation and charac-
*** terization of temperature sensitive mutants of Venezuelan equine
encephalomyelitis virus. Abstr. Ann. Meeting, Am. Soc. Microbiol.
1977, p. 319.
1156. Pedersen, Jr., C. E. Preparation and testing of vaccines prepared
from the envelopes of Venezuelan, Eastern, and Western equine encephalo-
myelitis viruses. J. Clin. Microbiol. 3:2:113-118, 1976.
1157. Pellacani, D. de G. and A. Soto Escalona. Encefalitis equina venezola-
na. Estudio clinico y de laboratorio en pacientes pediatricos.
Invest. Clin. 14:4:145-158, 1973.
1158. Pepple, J., R. Sherry, and W. Irvin. New parameters and clue to
*** mechanism of viral induced anergy. Clin. Res. 19:3:672, 1971.
1159. Pollok, III, N. L. Mixed infections of Venezuelan equine encephalo-
myelitis and Q fever in Macaca mulatta monkeys. Technical Memorandum
28, U. S. Army Biological Laboratories, Fort Detrick, Frederick, Md.
December 1962.
1160. Proctor, R. A. Brain microtubular proteins following infection of
*** M. mulatta with Venezuelan equine encephalomyelitis virus. Clin. Res.
22:2:186A, 1974.
1161. Rabinowitz, S., and W. Adler, III. Host defenses during primary
*** Venezuelan equine encephalomyelitis virus infection in mice. Clin.
Res. 20:1:54, 20:3:535, 1972. See nos. 575, 735.
1162. Rabinowitz, S., and R. Proctor. In vitro study of the antiviral
*** activity of immune spleen cells in experimental Venezuelan equine
encephalomyelitis (VEE) infection in mice. Clin. Res. 21:3:609,
1973. See no. 892.
1163. Rabinowitz, S. G. Host immune responses after administration of inac-
tivated Venezuelan equine encephalomyelitis virus vaccines. I.
Description and characterization of adoptive transfer by immune spleen
cells. J. Infect. Dis. 134:1:30-38, 1976.
1164. Rabinowitz, S. G. Host immune responses after administration of inac-
tivated Venezuelan equine encephalomyelitis virus vaccines. II.
Kinetics of neutralizing antibody responses in donors and adoptively
immunized recipients. J. Infect. Dis. 134:1:39-47, 1976.

1165. Rayfield, E. J., P. B. Jahrling, L. Gorelkin, and R. T. Curnow. Virus-induced diabetes mellitus: a new model. *Diabetes* 23:(Suppl. 1):345, 1974. See. no. 1166).
1166. Rayfield, E. J., L. Gorelkin, R. T. Curnow, and P. B. Jahrling. Virus-induced pancreatic disease by Venezuelan encephalitis virus. Alterations in glucose tolerance and insulin release. *Diabetes* 25:7:623-631, 1976.
1167. Rayfield, E. J., and G. S. Bowen. The evaluation of Venezuelan encephalitis virus induced carbohydrate abnormalities in rhesus monkeys. *Clin. Res.* 25:3:398A, 1977.
1168. Rodriquez, G. Morphological changes in the pancreas of the hamster during Venezuelan equine encephalomyelitis (VEE) virus infection. *Patologia* 13:3:297-310, 1975.
1169. Scherer, W. F. Problemas y perspectivas para el control de las enfermedades humana y animal causadas por los virus de la encefalitis equina Venezolana. *Rev. Vet. Venez.* 30:173:294-298, 1971. (Journal publication no. 905).
1170. Scherer, W. F., K. Anderson, B. A. Pancake, R. W. Dickerman, and J. V. Ordonez. Search for epizootic-like Venezuelan encephalitis virus at enzootic habitats in Guatemala during 1969-1971. *Am. J. Epidemiol.* 103:6:576-588, 1976.
1171. Scherer, W. F., J. Madalengoitia, W. Flores, and M. Acosta. The first isolations of Eastern encephalitis, group C, and Guama group arboviruses from the Peruvian Amazon region of western South America. *Bull. Pan Am. Health Org.* 9:1:19-26, 1975.
1172. Scherer, W. F., J. V. Ordonez, R. W. Dickerman, and J. E. Navarro. Search for persistent epizootic Venezuelan encephalitis virus in Guatemala, El Salvador and Nicaragua during 1970-1975. *Am. J. Epidemiol.* 104:1:60-73, 1976.
1173. Scherer, W. F., R. W. Dickerman, J. V. Ordonez, C. Seymour, III, L. D. Kramer, P. B. Jahrling, and C. D. Powers. Ecologic studies of Venezuelan encephalitis virus and isolations of Nepuyo and Patois viruses during 1968-1973 at a marsh habitat near the epicenter of the 1969 outbreak in Guatemala. *Am. J. Trop. Med. Hyg.* 25:1:151-162, 1976.
1174. Schryer, R. F., M. E. Steichen, R. E. McGeorge, G. C. Parikh, and D. L. Larson. Equine and migratory bird surveillance for WEE and VEE viruses. *Abstr. Ann. Meeting, Am. Soc. Microbiol.* 1974, p. 268.
1175. Solianik, R. G., and Yu. V. Fedorov. (Variability of viruses of the equine encephalomyelitis group under the effect of alkylating compounds. 2. Genetic characteristics of mutants of Venezuelan and eastern equine encephalomyelitis viruses induced by formaldehyde and N-nitrosomethylurea). *Rev. Roum. Virol.* 25:3:259-263, 1974. (Russian)

1176. Spertzel, R. O. Venezuelan equine encephalomyelitis (pesta loca, VEE). In *Foreign Animal Diseases*, Committee on Foreign Animal Diseases of the United States Animal Health Association, Richmond, Va. Revised 1975. p. 284-290.
1177. Stellmann, C., and J. Santucci. Le complexe des encephalomyelites equines Venezueliennes. *Bull. Off. Int. Epizootiol.* 75:11-12:1027-1097, 1971.
1178. Stephen, E. L., R. O. Spertzel, W. L. Pannier, and R. L. Mundy. Treatment of Venezuelan equine encephalomyelitis (VEE) in mice using various analogs of tilorone hydrochloride. *Fed. Proc.* 33:3:555, 1974. See no. 1123.
1179. Teruel de Lopez, E. and H. Hernandez. Efectos del pH y la concentracion ionica sobre la infecciosidad del virus de la encefalitis equina Venezolana. *Invest. Clin.* 16:3:114-120, 1975.
1180. Trevino, G. S. Role of the military in task force operations. In *Proc. Foreign Animal Diseases Seminar*, Jan 15-16, 1976, Emergency Programs, Veterinary Services, Animals and Plant Health Inspection Service, U.S.D.A., Hyattsville, Md. 1976, p. 97-99.
1181. Tsitsin, V. A., S. Ya. Gaidamovich, and V. S. Kokorev. (Factors determining the antigenic activity of tissue culture arbovirus diagnostic preparations.) *Vop. Virusol.* 20:2:206-209, 1975. (Russian)
1182. Ventura, A. K., N. J. Ehrenkranz, E. E. Buff, and W. J. Bigler. Epidemiologic studies of endemic Venezuelan equine encephalitis infection in Florida. *Clin. Res.* 20:1:84, 1972. See no. 813.
1183. Ventura, A. K., and N. J. Ehrenkranz. Detection of Venezuelan equine encephalitis virus in rural communities of southern Florida by exposure of sentinel hamsters. *Am. J. Trop. Med. Hyg.* 24:4:715-717, 1975.
1184. Vittoz, R. Le rôle des modifications de l'environnement dans l'évolution des maladies infectieuses des animaux considérées sous l'angle international. *Bull. Off. Int. Epizootiol.* 77:9-10:1495-1519, 1972.
1185. Wachter, R. F., J. F. Comer, and J. W. Johnson. Effect of EDTA on the infectivity of VEE virus. *Bacteriol. Proc.* 1970. p. 164-165.
1186. Wachter, R. F., J. W. Johnson, and J. F. Comer. Effect of salicylaldoxime and hydroxylamine on the infectivity of Venezuelan equine encephalitis virus. *Abstr. Ann. Meeting, Am. Soc. Microbiol.* 1972, p. 201.
1187. Walder, R. and F. Liprandi. Kinetics of heat inactivation of Venezuelan equine encephalomyelitis virus. *Arch. Virol.* 51:4:307-317, 1976.
1188. Walder, R., and O. M. Suarez. Studies of arboviruses in southwestern Venezuela: I. Isolations of Venezuelan and Eastern equine encephalitis viruses from sentinel hamsters in the Catatumbo region. *Int. J. Epidemiol.* 5:4:375-384, 1976.

- 1189. Walker, D. H., A. Harrison, K. Murphy, M. Flemister, and F. A. Murphy. Lymphoreticular and myeloid pathogenesis of Venezuelan equine encephalitis in hamsters. *Am. J. Pathol.* 84:2:351-370, 1976.
- 1190. Wannemacher, Jr., R. W., A. S. Klainer, R. E. Dinterman, and W. R. Beisel. The significance and mechanism of an increased serum phenylalanine-tyrosine ratio during infection. *Am. J. Clin. Nutr.* 29:9:997-1006, 1976.
- 1191. Watts, D. M., and B. F. Eldridge. Transovarial transmission of arboviruses by mosquitoes: a review. *Med. Biol. (Helsinki)* 53:5:271-278, 1975.
- 1192. Woodman, D. R., A. T. McManus, and G. A. Eddy. Extension of the mean time to death of mice with a lethal infection of Venezuelan equine encephalomyelitis virus by antithymocyte serum treatment. *Infect. Immun.* 12:5:1006-1011, 1975.
- 1193. Houston, W. E., R. J. Kremer, C. L. Crabbs, and R. O. Spertzel. Inactivated Venezuelan equine encephalomyelitis virus vaccine complexed with specific antibody: enhanced primary immune response and altered pattern of antibody class elicited. *J. Infect. Dis.* 135:4:600-610, 1977. (Publication of no. 1107)
- 1194. Scherer, W. F., and J. Chin. Responses of guinea pigs to infections with strains of Venezuelan encephalitis virus, and correlations with equine virulence. *Am. J. Trop. Med. Hyg.* 26:2:307-312, 1977.

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